

Amendments to the Claims

The following Listing of Claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (currently amended): A cover authoring tool, comprising:
an interface configured to receive size information for a document to be bound into a perfectly bound book having a spine characterized by a width dimension and a height dimension, and to receive content information for at least a front region and a spinal region of a cover to be attached to the perfectly bound book; and
a cover content layout engine configured to compose a final content layout for the cover by scaling content received for the front cover region and formatting content received for the spinal region of the cover ~~, including spinal content formatted~~ to accommodate the width and height dimensions of the book spine based upon the document size information and the cover content information received through the interface.

Claim 2 (currently amended): The cover authoring tool of claim 1, wherein the cover content layout engine is configured to compute a [[the]] thickness dimension of the perfectly bound book from the received document size information.

Claim 3 (original): The cover authoring tool of claim 2, wherein the received document size information includes type of paper and number of pages in the perfectly bound book.

Claim 4 (original): The cover authoring tool of claim 1, wherein the received cover content information includes graphical content and textual content.

Claim 5 (original): The cover authoring tool of claim 4, wherein the interface comprises a graphical user interface through which a user may specify content and content layout for the cover.

Claim 6 (original): The cover authoring tool of claim 5, wherein the graphical user interface is configured to present multiple pre-generated cover styles for selection by the user.

Claim 7 (original): The cover authoring tool of claim 6, wherein the cover content layout engine is configured to compose the final content layout for the cover based upon a pre-generated cover style selected by the user.

Claim 8 (currently amended): A cover authoring tool, comprising:
an interface configured to receive size information for a document to be bound into a perfectly bound book having a spine characterized by a width dimension and a height dimension, and to receive content information for a cover to be attached to the perfectly bound book, wherein the received cover content information includes graphical content and textual content and the interface comprises a graphical user interface through which a user may specify content and content layout for the cover, the graphical user interface being configured to present multiple pre-generated cover styles for selection by the user; and
a cover content layout engine configured to compose a final content layout for the cover, including spinal content formatted to accommodate the width and height dimensions of the book spine based upon the document size information and the cover content information received through the interface ~~The cover authoring tool of claim 7~~, wherein the cover content layout engine is configured to conform a spinal region of the selected pre-generated cover style to the width dimension of the book spine and to compose the final content layout for the cover based upon a pre-generated cover style selected by the user.

Claim 9 (original): The cover authoring tool of claim 1, wherein the cover content layout engine is configured to select typeface parameter values for spinal text content consisting of a number of characters.

Claim 10 (currently amended): A cover authoring tool, comprising:
an interface configured to receive size information for a document to be bound into a perfectly bound book having a spine characterized by a width dimension and a height dimension, and to receive content information for a cover to be attached to the perfectly bound book; and

a cover content layout engine configured to compose a final content layout for the cover, including spinal content formatted to accommodate the width and height dimensions of the book spine based upon the document size information and the cover content information received through the interface, wherein the cover content layout engine is configured to select typeface parameter values for spinal text content consisting of a number of characters ~~The cover authoring tool of claim 9, wherein the typeface parameter values are selected based at least in part upon the number of characters of spinal text content and the height and width dimensions of the book spine.~~

Claim 11 (original): The cover authoring tool of claim 9, wherein values are selected for one or more of the following typeface parameters: font size, spread, stretch font variation, and font weight.

Claim 12 (currently amended): The cover authoring tool of claim 9 [[11]], wherein a typeface parameter value is selected for a stretch [[the]] font variation [[is]] selected from the group consisting of a regular font face, a condensed font face, an expanded font face, and multiple master typeface.

Claim 13 (currently amended): A cover authoring method, comprising:
receiving size information for a document to be bound into a perfectly bound book having a spine characterized by a width dimension and a height dimension;
receiving content information for at least a front region and a spinal region of a cover to be attached to the perfectly bound book; and

composing a final content layout for the cover by scaling content received for the front cover region and formatting content received for the spinal region of the cover ;
~~including spinal content formatted~~ to accommodate the width and height dimensions of the book spine based upon the received document size information and the received cover content information.

Claim 14 (currently amended): The cover authoring method of claim 13, further comprising computing a [[the]] thickness dimension of the perfectly bound book from the received document size information.

Claim 15 (original): The cover authoring method of claim 13, further comprising presenting multiple pre-generated cover styles for selection by a user.

Claim 16 (original): The cover authoring method of claim 15, wherein the final content layout for the cover is composed based upon a pre-generated cover style selected by the user.

Claim 17 (original): The cover authoring method of claim 13, further comprising selecting typeface parameter values for spinal text content consisting of a number of characters.

Claim 18 (currently amended): A cover authoring method, comprising:
receiving size information for a document to be bound into a perfectly bound book
having a spine characterized by a width dimension and a height dimension;
receiving content information for a cover to be attached to the perfectly bound book;
composing a final content layout for the cover, including spinal content formatted to
accommodate the width and height dimensions of the book spine based upon the received
document size information and the received cover content information; and
selecting typeface parameter values for spinal text content consisting of a number of
characters ~~The cover authoring method of claim 17,~~ wherein the typeface parameter values are selected based at least in part upon the number of characters of spinal text content and the height and width dimensions of the book spine.

Claim 19 (currently amended): A cover authoring method, comprising:
receiving size information for a document to be bound into a perfectly bound book
having a spine characterized by a width dimension and a height dimension;
receiving content information for a cover to be attached to the perfectly bound book;
composing a final content layout for the cover, including spinal content formatted to
accommodate the width and height dimensions of the book spine based upon the received
document size information and the received cover content information; and

selecting typeface parameter values for spinal text content consisting of a number of characters ~~The cover authoring method of claim 17~~, wherein values are selected for one or more of the following typeface parameters: weight axis, width axis, style axis, and optical size axis.

Claim 20 (currently amended): A bookbinding system, comprising:
a sheet composer configured to format a document to be bound into a perfect bound and to print the formatted document onto two or more sheets;
a sheet binder configured to form from the two or more printed sheets a text body having an exposed spine characterized by a width dimension and a height dimension;
a cover authoring tool comprising
an interface configured to receive size information for the text body, and to receive content information for at least a front region and a spinal region of a cover to be attached to the perfectly bound book, and
a cover content layout engine configured to compose a final content layout for the cover by scaling content received for the front cover region and formatting content received for the spinal region of the cover ~~including spinal content formatted~~ to accommodate the width and height dimensions of the book spine based upon the document size information and the cover content information received through the interface; and
a cover binder configured to attach the cover to the text body.

Claim 21 (new): The cover authoring tool of claim 1, wherein the interface is further configured to receive content for a back region of the cover, and the cover content layout engine is further configured to compose the final content layout for the cover by scaling content received for the back cover region.

Claim 22 (new): The cover authoring tool of claim 21, wherein the interface is further configured to receive content for a wrap-around region extending across the front region, the spinal region and the back region of the cover, and the cover content layout engine is further configured to compose the final content layout for the cover with wrap-around content disposed in the wrap-around area.

Claim 23 (new): The cover authoring tool of claim 1, wherein the cover content layout engine is configured to compute a bounding box having a height dimension and a length dimension fitted to the spinal region of the cover.

Claim 24 (new): The cover authoring tool of claim 23, wherein the cover content layout engine is configured to set a height-related typeface parameter for spinal text content to the height dimension of the computed bounding box.

Claim 25 (new): The cover authoring tool of claim 23, wherein the cover content layout engine is configured to set a width-related typeface parameter for spinal text content such that the spinal text content extends across a selected proportion of the length dimension of the computed bounding box.

Claim 26 (new): The cover authoring tool of claim 25, wherein the cover content layout engine is configured to set a width-related typeface parameter for spinal text content such that the spinal text content extends across 50-75% of the length dimension of the computed bounding box.

Claim 27 (new): The cover authoring method of claim 13, further comprising receiving content for a back region of the cover, and wherein composing the final content layout for the cover comprises scaling content received for the back cover region.

Claim 28 (new): The cover authoring method of claim 27, further comprising receiving content for a wrap-around region extending across the front region, the spinal region and the back region of the cover, and wherein composing the final content layout for the cover comprises disposing wrap-around content in the wrap-around area.

Claim 29 (new): The cover authoring method of claim 13, wherein composing the final content layout comprises computing a bounding box having a height dimension and a length dimension fitted to the spinal region of the cover.

Claim 30 (new): The cover authoring method of claim 29, wherein composing the final content layout comprises setting a height-related typeface parameter for spinal text content to the height dimension of the computed bounding box.

Claim 31 (new): The cover authoring method of claim 29, wherein composing the final content layout comprises setting a width-related typeface parameter for spinal text content such that the spinal text content extends across a selected proportion of the length dimension of the computed bounding box.

Claim 32 (new): The cover authoring system of claim 20, wherein the interface is further configured to receive content for a back region of the cover, and the cover content layout engine is further configured to compose the final content layout for the cover by scaling content received for the back cover region.

Claim 33 (new): The cover authoring system of claim 32, wherein the interface is further configured to receive content for a wrap-around region extending across the front region, the spinal region and the back region of the cover, and the cover content layout engine is further configured to compose the final content layout for the cover with wrap-around content disposed in the wrap-around area.

Claim 34 (new): The cover authoring system of claim 20, wherein the cover content layout engine is configured to compute a bounding box having a height dimension and a length dimension fitted to the spinal region of the cover.

Claim 35 (new): The cover authoring system of claim 34, wherein the cover content layout engine is configured to set a height-related typeface parameter for spinal text content to the height dimension of the computed bounding box.

Claim 36 (new): The cover authoring system of claim 34, wherein the cover content layout engine is configured to set a width-related typeface parameter for spinal text content such that the spinal text content extends across a selected proportion of the length dimension of the computed bounding box.